



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. Box 19276, SPRINGFIELD, ILLINOIS 62794-9276, 217-782-3397
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601, 312-814-6026

ROD R. BLAGOJEVICH, GOVERNOR

RENEE CIPRIANO, DIRECTOR

(217) 557-8155
(FAX) 782-3258

May 10, 2004

Department of the Navy
EFA Midwest
c/o Dan Fleming
Environmental Department
201 Decatur Avenue
Great Lakes, Illinois 60088-5600

Re: Quarterly Monitoring Report, 1st Quarter
2004, Biosparge System Building 1600A
Great Lakes, Illinois

0971255048 – Lake County
Naval Station, Great Lakes
Superfund/Technical Reports

Dear Mr. Fleming:

The Illinois Environmental Protection Agency (“Illinois EPA” or “Agency”) is in receipt of the Quarterly Monitoring Report, First Quarter 2004, Biosparge Remediation System for Building 1600A, Great Lakes, Illinois. It was dated April 2004 and received on May 07, 2004. This document reports on the progress of the remedial action currently ongoing at Building 1600A (LUST Incident No. 971739) and was submitted to the Agency for review and comment. Illinois EPA has reviewed this submittal and has the following comments.

- 1) **Section 2.3** – This section states that there is no Tiered Approach to Corrective Action Objectives (TACO) Tier I Remediation Objective (RO) for MTBE. This is incorrect. The Tier I Groundwater RO for MTBE is 0.07 mg/L according to Table E of TACO. It is noted, however, that all current results for MTBE are below this RO.
- 2) **Figure 2.0** – The contour lines are labeled and drawn incorrectly beginning with the line labeled as 658 on the east side of the railroad tracks. It begins on the east side of the tracks as 658, but this same line is labeled 657 on the west side of the tracks. This causes the lower contours to be drawn incorrectly. Please correct this error and redraw the contour lines.

The Agency concurs that the Biosparge Remediation System’s treatment of the contaminated soil and groundwater is continuing to make measurable progress, but a continued effort is still

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necessary to complete the remedial process and attain site closeout. Please continue operating the Biosparge system, collecting groundwater samples as required, and submitting these monitoring reports to the Agency.

If you have any questions regarding this correspondence, you may contact me at (217) 557-8155 or via electronic mail at Brian.Conrath@epa.state.il.us.

Sincerely,

Brian A. Conrath

Brian A. Conrath
Remedial Project Manager
Federal Facilities Unit
Federal Site Remediation Section
Bureau of Land

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cc: Owen Thompson, USEPA (SR-6J)

Tom Henninger, LUST